

**Table 1**

Method of Moments Capacitance Models

Wire Dimensions	25 x 25 microns
Separation between Wires	63.5 microns
5 Distance to ground	191 microns

Model	Dielectric constant of separation	Self capacitance Wire 1	Mutual Capacitance Wire 2
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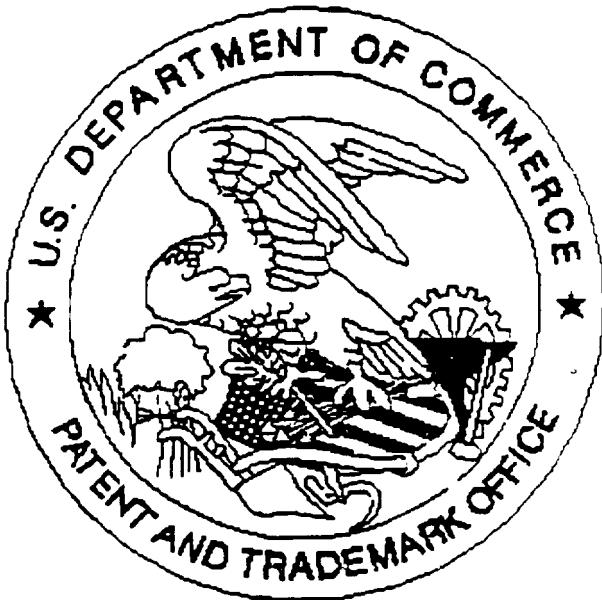
Model	Dielectric constants	Wire 1 self cap pf/cm	Wire 2- self cap pf/cm	Mutual cap pf/cm
Plastic encased package	4.0	1.03	0.54	1.57
Cavity package	4./1.0/4.	0.31	0.12	0.43
Foam sheath wires/molded 1./4.	4./1./4.	0.34	0.16	0.50
Wires - no package	1.	0.26	0.13	0.39

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